Special Issue

Quantum Technologies in Electrodynamic Resonators and Waveguides

Message from the Guest Editors

We are pleased to invite you to submit a manuscript to the *Photonics* Special Issue 'Quantum Technologies in Electrodynamic Resonators'. We welcome contributions covering the following systems:

- Ultra-cold atoms in optical cavities
- Superconducting circuits interacting with microwave resonators and waveguides
- Polaritons in optical cavities
- Quantum fluids of light

These can be matched with one of the following topics:

- Materials engineering
- Quantum devices
- Quantum metrology
- Quantum simulators for condensed-matter physics
- Quantum simulators for fundamental physics
- Quantum information and computing

Given the Special Issue's main goal, we open to two different types of contributions:

- Original articles telling new stories on the solution of an open problem, yet nestled within a comprehensive overview of the other open problems in the field
- Reviews, possibly joining experimental and theoretical analysis

Guest Editors

Prof. Dr. Maria Luisa Chiofalo

Department of Physics, University of Pisa, Largo Bruno Pontecorvo 3, 56127 Pisa, Italy

Prof. Dr. Salvatore Savasta

Dipartimento di Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra, University of Messina, Piazza Pugliatti, 1 98122 Messina, Italy

Deadline for manuscript submissions

closed (15 December 2022)

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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